

Storm Data and Unusual Weather Phenomena - January 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MICHIGAN, East				
(MI-Z053) SAGINAW, (MI-Z054) TUSCOLA, (MI-Z055) SANILAC, (MI-Z060) SHIAWASSEE, (MI-Z061) GENESEE, (MI-Z062) LAPEER, (MI-Z063) ST. CLAIR, (MI-Z068) LIVINGSTON, (MI-Z069) OAKLAND, (MI-Z070) MACOMB, (MI-Z075) WASHTENAW, (MI-Z082) LENAWE				
	01/01/08 00:00 EST		0	Winter Storm
	01/01/08 08:00 EST		0	
<p>A low pressure system tracked very close to Downtown Detroit during the early morning hours of New Years Day. Heavy snow fell to the west and north of this track and fell steadily at a rate of 1 to 2 inches per hour from roughly midnight to 0700 EST across much of the area. An intense snow band did set up between the M-59 and I-69 corridors, where snowfall rates actually approached 4 inches per hour at times. Consequently, a swath of 12 to 16 inches of snow fell roughly from Brighton in south Livingston County to Lexington in southeast St Clair County. North and south of this area, snowfall amounts quickly tapered off. This storm will be most remembered for the amount of snow that fell in such a short period of time. The bulk of the snowfall, including the amounts over one foot, fell in less than 7 hours. Here are some of the higher snowfall reports received from each County.</p> <p>Dryden (Lapeer) 16 inches. Capac (St Clair) 16 inches. Clarkston (Oakland) 15.5 inches. Lexington (Sanilac) 12.3 inches. Brighton (Livingston) 12.0 inches. Ann Arbor (Washtenaw) 10.5 inches. Grand Blanc (Genesee) 9.5 inches. Cement City (Lenawee) 9.5 inches. Armada (Macomb) 9.0 inches. Plymouth (Wayne) 7.0 inches. Marlette (Tuscola) 7.0 inches. Owosso (Shiawassee) 6.2 inches. Bridgeport (Saginaw) 5.5 inches.</p>				
(MI-Z063) ST. CLAIR				
	01/02/08 08:00 EST		0	Lake-Effect Snow
	01/02/08 14:00 EST		0	
A Port Huron/Sarnia lake effect snow band produced 6 to 10 inches of snow right near the St. Clair River.				
(MI-Z047) MIDLAND, (MI-Z048) BAY, (MI-Z049) HURON, (MI-Z053) SAGINAW				
	01/21/08 21:00 EST		0	Heavy Snow
	01/22/08 22:30 EST		0	
<p>A low pressure system tracked across central Lower Michigan, with the highest snow occuring near the surface low track over the Tri-Cities region. Here are some of the higher snowfall reports:</p> <p>Bay City, 8.0 inches. Essexville, 7.0 inches. Midland, 6.0 inches. Oil City, 6.0 inches. Huron, 6.0 inches. Saginaw, 6.0 inches.</p>				
MIDLAND COUNTY --- 1.0 S OIL CITY [43.61, -84.58]				
	01/06/08 21:03 EST		0	Hail (0.75 in)
	01/06/08 21:03 EST		0	Source: Trained Spotter
MIDLAND COUNTY --- 5.0 W MIDLAND [43.62, -84.33]				
	01/07/08 21:00 EST		0	Hail (1.00 in)
	01/07/08 21:00 EST		0	Source: Trained Spotter
MIDLAND COUNTY --- MIDLAND [43.62, -84.23]				
	01/07/08 21:10 EST		0	Hail (0.75 in)
	01/07/08 21:10 EST		0	Source: Trained Spotter
MIDLAND COUNTY --- 2.0 W BULLOCK CREEK [43.58, -84.29]				

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	01/07/08 21:16 EST		0	Hail (0.88 in)
	01/07/08 21:16 EST		0	Source: Trained Spotter

A heavy burst of hail of varying sizes covering ground up to 2 inches.

MIDLAND COUNTY --- MIDLAND [43.62, -84.23]

01/07/08 21:17 EST	0	Hail (0.75 in)
01/07/08 21:25 EST	0	Source: Trained Spotter

WASHTENAW COUNTY --- ANN ARBOR [42.28, -83.73]

01/07/08 22:40 EST	0	Thunderstorm Wind (EG 52 kt)
01/07/08 22:40 EST	0	Source: Trained Spotter

A trained spotter reported large tree limbs down.

WASHTENAW COUNTY --- 0.9 NW SALEM [42.41, -83.58]

01/07/08 22:54 EST	8K	Thunderstorm Wind (EG 56 kt)
01/07/08 22:54 EST	0	Source: Law Enforcement

Five mobile homes sustained roof and shingle damage with numerous trees also reported blown down.

MONROE COUNTY --- 2.0 SE MAYBEE [41.98, -83.49]

01/07/08 23:05 EST	0	Thunderstorm Wind (EG 56 kt)
01/07/08 23:05 EST	0	Source: Fire Department/Rescue

Local fire department reported numerous trees blown down.

A strong low pressure system tracking west of the area allowed temperatures to reach into the upper 50s to middle 60s, record highs for the date. A few severe storms, producing both wind and hail damage, occurred mainly along and west of U.S. 23 during the mid evening hours.

(MI-Z053) SAGINAW, (MI-Z061) GENESEE, (MI-Z062) LAPEER

01/14/08 16:00 EST	0	Heavy Snow
01/15/08 08:00 EST	0	

A surface trough sinking south into the area produced widespread snowfall amounts of 2 to 6 inches, along and north of M59. A few locations received 6 inches within a 12 hour period.

Here are some of the higher snowfall totals:

Merrill (Saginaw) 6.0 inches.
 Linden (Genesee) 6.0 inches.
 Burton (Genesee) 6.0 inches.
 Oil City (Midland) 6.0 inches.
 Lapeer (Lapeer) 5.8 inches.

(MI-Z049) HURON, (MI-Z053) SAGINAW, (MI-Z054) TUSCOLA, (MI-Z055) SANILAC, (MI-Z061) GENESEE, (MI-Z062) LAPEER, (MI-Z063) ST. CLAIR, (MI-Z068) LIVINGSTON, (MI-Z069) OAKLAND, (MI-Z076) WAYNE, (MI-Z083) MONROE

01/30/08 00:00 EST	19K	High Wind (MAX 59 kt)
01/30/08 04:00 EST	0	

A strong cold front moved through southeast Michigan just before midnight, with strong post frontal wind gusts of 50 to 60 mph reported across much of area. The highest winds occurred across the Thumb region, extending south into the Detroit Metro area. A few buildings and houses sustained damage, mostly shingle and roof damage.

Trees and power lines were blown down, which led to power outages. Utility companies reported thousands of residents and businesses lost power due to downed power lines across the northern Thumb region, with close to 100,000 in the Lower Peninsula, with a majority of those outages occurring in southeast Michigan.